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65. Trees and Rain.—The influence of trees upon rains and the general moisture of the atmosphere, which has been so much discussed of late, receives a strong illustration from the island of Santa Cruz, W. I.

A friend who spent the months of February, March and April last upon the island, informs me that, when he was there twenty years ago, the island was a garden of freshness, beauty and fertility. Woods covered the hills, trees were everywhere abundant, and rains were profuse and frequent. The memory of its loveliness called him there at the beginning of the present year, when, to his astonishment, he found about one-third of the island, which is about twenty-five miles long, an utter desert. The forests and trees generally had been cut away, rain-falls had ceased, and a process of desiccation beginning at one end of the land had advanced gradually and irresistibly upon the island, until for seven miles it is dried and desolate as the sea-shore. Houses and beautiful plantations have been abandoned, and the people watch the advance of desolation, unable to arrest it, but knowing, almost to a certainty, the time when their own habitations, their gardens and fresh fields, will become a part of the waste; the whole island seems doomed to become a desert.

The inhabitants believe, and my friend confirms their opinion, that this sad result is due to the destruction of the trees upon the island some years ago. J. S. M.

66. New Stations.—*Polanisia graveolens*, Raf.; *Lythrum Salicaria*, L.; *Asclepias verticillata*, L., found abundant along the Hudson R. R. R., at Fort Montgomery Station, a few miles below Garrison's. *Liatris spicata*, Willd., between Fort Montgomery and Garrison's, about opposite Gov. Fish's residence. J. S. M.

July 31.

67. Note from Prof. Thomas C. Porter.—If Budd's Lake, Morris Co., N. J., is within the circuit embraced by your BULLETIN, and it may be, being less than fifty miles from New York, I can report as growing there, and can furnish specimens of, *Salix myrtilloides*, *S. candida* and *S. lucida*—also, *Betula pumila*. A number more of interesting plants occur there, and the point is well worth a visit from the members of your Club. It is very easy of access, and there is a good hotel on the border of the Lake. It lies only $2\frac{1}{2}$ miles south of Stanhope Station on the Morris and Essex R.R. Lake Hopatcong, which is still further east, can boast of possessing, on the sandy margin of its largest island, the rare *Juncus subtilis*, Mchx. (*J. pelocarpus*, var. *subtilis*(?), Engelm.). I collected it there some years ago on the 25th of September, not in fruit.

EASTON, Pa.

68. Silver-leaf.—This name we found given in Greene Co., N. Y., to the common Balsam, *Impatiens fulva*. Some one had noticed that when the fresh leaves are immersed in water the underside reflects the light as from a surface of silver-foil. But many other leaves, those of Dogbane for example, exhibit the phenomenon in nearly equal perfection. The surface of these leaves is not wet by the